

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 03 Jan 2023 until 23:59 on Wednesday 04 Jan 2023

Forecast Issued on Monday 02 Jan 2023 at 12:43

Confidence: High becoming Medium from Thursday.

Headline for Tuesday 03 Jan 2023: Heavy rain, strong winds and poor visibility.

Mountain weather hazards on Tuesday 03 Jan 2023

Blizzards

No Likelihood

Gales

Low Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

Medium Likelihood

Storm force winds

No Likelihood

Poor visibility

High Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Clear night	Cloudy	Sleet	Heavy Rain	Light rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability							
00%	20%	70%	60%	70%	50%	90%	60%

Forecast for Tuesday 03 Jan 2023

Weather: Outbreaks of rain developing overnight, wintry for a short time over the higher tops. Cloudy and overcast with outbreaks of rain during daylight hours and through the evening. The rain lighter at times around the middle of the day, turning heavy and persistent through the afternoon and evening.

Chance of cloud-free hill tops above 600m: 30%

Low Cloud and visibility: Extensive cloud, base 300 to 600m, lower at times. Visibility moderate or poor and very poor at times at height leading to navigational difficulties.

Forecast for Tuesday 03 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/22 S	16/26 S	23/33 S	21/30 S	20/30 SW	22/32 S	26/39 S	28/42 SW	28/43 SW
300	6/16 S	6/18 SE	13/30 S	13/28 S	13/28 SW	13/29 S	17/36 S	18/37 SW	19/39 SW
Valley	6/12 SE	8/16 E	14/33 SE	12/28 S	11/25 S	13/29 S	14/31 S	16/34 SW	18/37 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-6	0/-6	1/-5	3/-3	4/-1	5/0	6/1	7/2	8/2
300	0/-3	-0/-3	3/-2	5/1	7/3	7/4	8/4	9/6	9/6
Valley	1/-2	2/-1	5/1	7/3	8/5	9/6	10/7	10/7	10/7
Freezing Level*	300m	300m	1100m	1300m	1400m	1800m	2100m	2400m	2000m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Nothing further to add.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 02 Jan 2023	6.4mm	28.8mm	43.2mm

Forecast for Wednesday 04 Jan 2023

Weather: Rather cloudy with bright spells and showers. Feeling cold in the strong to gale force winds with buffeting.

Maximum wind: West or SW 35mph gusting 50mph, easing later in the day.

Chance of cloud-free hill tops above 600m: 60%

Low Cloud and visibility: Extensive cloud, base 600 to 900m

Temperature: **Valleys:** Plus 5 to 10 Celsius
At 600m: Plus 3 to 5 Celsius
Freezing level: Above the summits.